**Attendees**

Paul Grun, Susan Coulter, Jim Ryan, Nereus team, Chris Beggio, Divya Kolar

**Agenda**

* Final review of CfS
* Plan for next steps
  + Keynote speaker(s)
  + Sessions to be solicited
  + Easychair training
  + Reviewing submissions
  + Etc…

**Discussion**

What about a topic related to OFED/MOFED? Paul ranted and raved for a few minutes about the notion of a “Town Hall” (great idea!), and suggested this is a great topic for one. Presumably the TPC will be sponsoring one or more of these, including presumably one on the topic of distributions.

Added Liran Liss to the list of TPC members. Agreed to change Christoph’s association to avoid mention of his employer, even though he was listed that way last year. He couldn’t be on the call today and I don’t want to put him in an uncomfortable position.

Is it possible to get this to SC16 attendees? Publish to ofa\_boardplus mailing list and ask them to distribute or at least discuss at SC16?

Nereus is capable of completing the layout very quickly, provided we agree on final dates.

Agreed to move the final submission date to **Friday, 2/3/17**, leaving the final acceptance date as is **(2/17/17)**, giving us exactly two weeks to review and accept/reject proposals. This is all driven mainly by the final agenda date of **3/6/17**.

Minor snafu – the hyperlinks to things like EasyChair are not yet in place. Jim Ryan thinks this can be accomplished very quickly, including specific links to EasyChair. If it’s too much to ask to try to get it spun up very quickly, a fallback position is to have the CfS flyer point to the OFA website as a placeholder. Agreed to go with this fallback approach – don’t try to get EasyChair spun up today, focus instead on updating the OFA webpage to receive a hyperlink.

Agreed to put text on the OFA website (text only, NOT a hyperlink) that says something like “Information on Submitting Workshop Proposals is Coming Soon. Watch this space next week.” Wording isn’t crucial, but there must be something there so the CfS flyer doesn’t send people to a place where there is no information that is specific to the submissions process.

Want to be careful with this revision of the CfS that we don’t publish too many half-baked forms of it. This really belongs in the hands of the core team (Jim R., Susan), but the consensus is to hold back on the big marketing push until right after SC16 (avoiding thanksgiving?), but move ahead with an informal distribution this week (driven by SC16) via the ofa\_boardplus mailing list.

Summary ARs:

1. Paul to push final/final/final draft to Nereus within the hour.
2. Nereus to work with Jim R/Ken S to create an update to the OFA webpage saying “Submission info coming very soon”
3. Nereus to add the link to the OFA webpage in the text of the CfS
4. Nereus to push the final (camera ready) version to Paul for a quick final proof read
5. Paul to push that version to Susan, who will publish to ofa\_boardplus and try to get it distributed at SC16.

Next steps – major items in front of us:

* Identify keynote speakers
* Identify sessions to be solicited

How often do we need to meet going forward? Weekly seems about right, after taking a short break for SC16 and Thanksgiving. Plan is to continue with Monday morning 11AM PST meetings, beginning on Monday, December 5th.

**Call for Sessions**

The annual OpenFabrics Alliance (OFA) Workshop is a premier event focused on driving and enabling developments in network technology. It is the place to learn about emerging technologies, to collaborate with others, and to participate in driving network technology forward.

The workshop brings together network developers, consumers of network solutions and vendors. Participants include:

* Application developers and end users
* Communications middleware developers
* Enterprise data center managers and architects
* System & network administrators
* Network and storage researchers
* Operating system, networking and storage vendors
* System OEMs, architects & integrators

**Session Topics**

Proposals for workshop sessions are being solicited in areas such as:

**RDMA in Commercial Environments**

* Virtualized hosts, storage devices, networks, and network interfaces
* Convergence of bare-metal/bare-wire and virtualized cloud and container architectures

**Distributed Applications and Services**

* Parallel and shared memory apps
* Data analytics
* Pub/sub applications
* Message queueing libraries & services
* File systems, software-defined storage, fabric-attached storage
* Software-defined networks

**Data Intensive Computing and Analytics**

* Hadoop, MapReduce
* Graph analytics
* Key value stores

**Communications Middleware**

* OpenSHMEM
* MPI
* UPC++
* GasNET
* Chapel
* Legion, OCR, event-driven tasking runtimes

**Network APIs, Libraries and Software**

* OpenFabrics Interfaces (OFI)
* Verbs API Extensions
* APIs for data storage, data access
* Open UCX
* Divergence of kernel and user APIs
* User space IP networking

**Persistent (Non-Volatile) Memory**

* APIs for PM accesses
* Accessing PM over RDMA fabrics
* Programming models

**RDMA in the Kernel**

* New drivers and upper layer protocols
* Open source repositories
* Security & Containers
* RDMA core code
* Kernel / User ABIs

**Accelerators, FPGAs, GPUs**

* Coherent user space access
* Direct access to accelerator memory
* Plumbing inside the kernel
* Direct attached and fabric attached accelerators
* The programmer’s perspective

**Deploying RDMA**

* Cloud-based deployments
* RDMA in the commercial enterprise
* Government, academic and HPC
* Virtualized data centers
* Wide-area distributed computing & storage
* Deploying multiple RDMA technologies

**Management, Monitoring & Configuration**

* Adaptive routing, congestion control
* fabric performance, IB IPoIB, Partitioned networks, QoS, routing between disjoint fabrics, security, subnet configuration, topologies,

**New and Advanced Network Technologies**

* Hardware Platforms (x86, ARM, SoCs, embedded),
* Atomics, Multicast & Collectives
* Scalable fabrics (existing and emerging)
* User-level protocols over RDMA (NFS, RPC, etc.)
* Network function virtualization - NFV

**Future Directions in Networking**

* The evolution of OpenFabrics Software
* Topics in networking beyond RDMA

**Session Formats**

The workshop places a high emphasis on interactive exchange among participants. In that spirit, the workshop offers a number of ways to contribute:

**Single-speaker sessions** are generally 30 minutes

**Panel sessions** are sometimes the best way to stimulate debate

**Lightning Talks** designed to encourage fast-moving, free form discussion. No advance signups are needed

**Town Hall Meetings** are an option for topics needing discussion by the community at large

**Birds of a Feather** offer an opportunity for folks to compare notes on a particular topic

**Technical Program Committee**

Paul Grun – Chairman

Cray, Inc.

Scott Atchley

Oak Ridge National Lab

Chris Beggio

Sandia National Lab

Paul Bowden

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